

FORM PTO-1449 (MODIFIED)

APR 11 2005

LIST OF PATENTS AND
PUBLICATIONS
FOR APPLICANTS INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.
SP03-077

SERIAL NO.

10/622606

APPLICANT: James G. Couillard, et al.

FILING DATE July 18, 2003

GROUP: 2811

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
TT	AA	5,352,485	10/4/94	DeGuire et al	427	226	4/8/93
TT	AB	5,751,018	5/12/98	Alivisatos et al	257	64	4/29/94
TT	AC	6,464,780	10/15/02	Mantl et al	117	90	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation Yes	No
TT	AL	WO03/057949	7/17/03	PCT	C30B	7/04	X	
TT	AM	EP0598361	5/25/94	Europe	C23C	16/02	X	
	AN							
	AO							
	AP							
	AQ							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

TT	AR	Niesen, et al.; "Chemical liquid deposition of gallium nitride thin films on siloxane-anchored self-assembled monolayers"; Materials Chemistry and Physics 73 (2002) pages 301-305.
	AS	
	AT	

EXAMINER:

thin film

DATE CONSIDERED:

04/17/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant(s)

J. Greg Couillard et al.

10/622,606

Filing Date

NEW

Group Art Unit

UNKNOWN

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT		US 6,432,757 B1	8/13/2002	Noguchi et al.	438	166	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TT		X. Xu, Joseph Cesarano III, Eileen Burch, Gabriel P. Lopez, "Template-assisted electrochemical deposition of ultrathin films of cadmium sulfide", Thin Solid Films 305 (1997) 95-102.
TT		D. Ji et al., "Improved protein crystallization by vapor diffusion from drops in contact with transparent, self-assembled monolayers on gold-coated glass coverslips", Journal of Crystal Growth 218 (2000) 390-398.

EXAMINER	Thom Vane	DATE CONSIDERED	04/06/05
----------	-----------	-----------------	----------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant(s)

J. Greg Couillard et al.

10/622,606

Filing Date

NEW

Group Art Unit

UNKNOWN

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TT

Joanna Aizenberg, Andrew J. Black and George M. Whitesides, "Control of crystal nucleation by patterned self-assembled monolayers", Nature, Vol. 398, April 1999, pp. 495-498.

TT

R. Staub et al., "Scanning tunneling microscope investigations of organic heterostructures prepared by a combination of self-assembly and molecular beam epitaxy", Surface Science 445 (2000) 368-379.

TT

J. Flath et al., "Nucleation and growth of semiconductor particles on self-assembled monolayers by chemical solution deposition", Thin Solid Films 327-329 (1998) 506-509.

TT

H. Lin et al., "Preparation of TiO₂ films on self-assembled monolayers by sol-gel method", Thin Solid Films 315 (1998) 111-117.

TT

Hansuk Kim, J. Greg Couillard, and Dieter G. Ast, "Kinetics of silicide-induced crystallization of polycrystalline thin-film transistors fabricated from amorphous chemical-vapor deposition silicon", Applied Physics Letters, Vol. 72, Number 7, February 16, 1998, pp. 803-805.

TT

Agarwal et al, "Synthesis of ZrO₂ and Y₂O₃-Doped ZrO₂ Thin Films Using Self-Assembled Monolayers", Journal of the American Ceramic Society, 80 (12) 2967-81 (1997).

TT

N.D. Zakharov et al., "Structure and optical properties of Ge/Si superlattice grown at Si substrate by MBE at different temperatures", Materials Science and Engineering B87 (2001) 92-95.

EXAMINER

Thien Van

DATE CONSIDERED

04/06/05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.